

Listing of Claims

This listing of claims replaces all prior versions and listings of claims in the application:

1-40. (Cancelled)

41 (Currently Amended) A method of managing data, the method comprising:

displaying a table comprising a one or more rows and columns of data cells having data that belongs to ~~at least one~~ or more data set ~~sets~~, the table further comprising one or more filter cells ~~configured to receive filter criteria, wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the table is displayed;~~

automatically inserting one or more filter criteria ~~in~~ into at least one of the filter cells in response to a selection ~~of the filter criteria~~ by a user;

identifying data cells in the table that ~~correspond with~~ satisfy the filter criteria in the filter cells;

sorting one or more data sets ~~associated with~~ that include the identified data cells; and

displaying the sorted data sets~~[[.]]~~ such that the identified data cells are displayed contiguously and interposed between ~~non-identified~~ data cells in the table that do not satisfy the filter criteria in the filter cells, wherein the data cells are identified, sorted, and displayed in response to the selection of the filter criteria, and wherein the data sets associated with the identified data cells are graphically displayed to a user ~~via~~ including a highlight, a color or an other image marking that is different from the highlight, the color, or the image marking of the ~~non-identified~~ data cells in the table that do not satisfy the filter criteria in the filter cells.

42. (Currently Amended) A method in accordance with claim 41, wherein the one or more filter criteria is predefined in a computer memory.

43. (Currently Amended) A method in accordance with claim 41, wherein automatically inserting the one or more filter criteria ~~[[in]]~~ into at least one of the filter cells in response to a selection of the one or more filter criteria by a user further comprises:

determining whether the selection of ~~the filter criteria~~ by the user triggers automatic insertion of the one or more filter criteria ~~in~~ into the filter cells.

44. (Currently Amended) A method of managing data, the method comprising:
displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to ~~at least one or more data sets~~ sets, and wherein each of the data cells is associated with at least one of the filter cells, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

automatically inserting predefined filter criteria ~~in~~ into selected filter cells in response to a user selection;

identifying data cells that have content that ~~corresponds with~~ satisfies the predefined filter criteria of an associated filter cell; and

sorting ~~the data sets associated with that include~~ the identified data cells.

45. (Original) A method in accordance with claim 44, wherein the predefined filter criteria is stored in a computer memory.

46. (Currently Amended) A method of managing data, the method comprising:

displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

receiving filter criteria via user interaction with one or more of the filter cells;

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the ~~predefinee~~ filter criteria of an associated filter cell;

sorting ~~the data sets associated with that include~~ the identified data cells, wherein the sorting is based in part upon at least one sort procedure; and

displaying the sorted data sets contiguously and interposed between data sets that are not associated with ~~[[non-]]~~ the identified data cells.

47. (Currently Amended) A method in accordance with claim 46, wherein receiving filter criteria via one or more of the filter cells further comprises:

receiving the filter criteria in response to a selection of a predefined criteria by the user ;

and

automatically inserting the predefined filter criteria ~~[[in]]~~ into one or more of the filter cells ~~according to the selection of the user~~.

48 (Currently Amended) A method in accordance with claim 47, wherein the predefined set of filter criteria is stored in a computer memory.

49 (Currently Amended) A method in accordance with claim 46, further comprising ~~un-~~
~~displaying ending display of the data sets that are not associated with the non-identified~~
identified data cells.

50 (Currently Amended) A method in accordance with claim 49, wherein ~~un-displaying~~
ending display of the data sets that are not associated with the non-identified identified data cells
is based at least in part on user input.

51. (Currently Amended) A method in accordance with claim 46, wherein displaying the
sorted data sets further includes displaying the sorted data sets ~~below the top of~~ in the table at a
position at approximately one-third of the height of the table.

52. (Currently Amended) A method of managing data, the method comprising:
displaying, in a window of a display, a plurality of filter cells and a table including a
plurality of rows and columns of data cells, wherein each data cell includes content that belongs
to ~~at least one~~ or more data set sets, wherein each of the data cells is associated with at least one
of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and
wherein the filter cells comprise interactive display elements configured to receive input from a
user for whom the window of the display is displayed;

receiving filter criteria via user interaction with one or more of the filter cells;
identifying data cells in the table that have content that ~~corresponds with~~ satisfies the
~~predefined~~ filter criteria of an associated filter cell;

sorting the data sets ~~associated with~~ that include the identified data cells, wherein the sorting is based in part upon at least one sort procedure; and

displaying at least the identified data cells, wherein the identified data cells are graphically displayed ~~via~~ including a highlight, a color or an other image marking, and wherein the highlight, the color, or the image marking is automatically applied to at least ~~a part~~ some of the identified data cells that ~~satisfies~~ satisfy the filter criteria.

53. (Currently Amended) A method in accordance with claim 52, further comprising:
receiving the filter criteria in response to a selection of a predefined filter criteria by the user; and

automatically inserting the predefined filter criteria ~~[[in]]~~ into one or more of the filter cells ~~according to the selection of the user.~~

54 (Currently Amended) A method in accordance with claim 53, wherein the predefined set of filter criteria is stored in a computer memory.

55 (Currently Amended) A method of managing data, the method comprising:
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to ~~at least one~~ or more data set sets, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

receiving filter criteria via user interaction with one or more of the filter cells;

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the ~~predefined~~ filter criteria of an associated filter cell;

sorting the data sets ~~associated with that include~~ the identified data cells, wherein the sorting is based in part upon at least one sort procedure; and

displaying the sorted data sets in response one of a character-by-character input into the filter cells or lapse of a preset pause period during which no input character is received by any of the filter cells.

56. (Currently Amended) A method in accordance with claim 55, further comprising:
receiving the filter criteria in response to a selection of a predefined filter criteria by the user; and

automatically inserting the predefined filter criteria ~~[[in]]~~ into one or more of the filter cells ~~according to the selection of the user~~.

57. (Currently Amended) A method in accordance with claim 56, wherein the ~~predefined~~ filter criteria is stored in a computer memory.

58. (Currently Amended) A method of managing data, the method comprising:
displaying, in a single window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data ~~set sets~~, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

sorting the data sets based in part upon at least one of the sort procedures;
receiving user-defined filter criteria via user interaction with one or more of the filter cells within the window; and
identifying data cells in the table that have content that ~~corresponds with~~ satisfies the user-defined filter criteria of an associated filter cell.

59. (Currently Amended) A method in accordance with claim 58, further comprising:
receiving the user-defined filter criteria in response to a selection of a predefined filter criteria by the user; and
automatically inserting the user-defined predefined filter criteria ~~[[in]]~~ into one or more of the filter cells ~~according to the selection of the user~~.

60 (Currently Amended) A method in accordance with claim 59, further comprising storing the predefined ~~user-defined~~ filter criteria in a computer memory.

61 (Currently Amended) A method of managing data, the method comprising:
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;
receiving filter criteria via user interaction with one or more of the filter cells;

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the ~~predefinee~~ filter criteria of an associated filter cell;

computing a sorting priority list, wherein the sorting priority list is based at least in part on the filter criteria; and

sorting the data sets associated with the identified data cells based at least in part upon the sorting priority list.

62 (Currently Amended) A method in accordance with claim 61, further comprising:

receiving the ~~user-defined~~ filter criteria in response to a selection of a predefined filter criteria by the user; and

automatically inserting the ~~user-defined~~ predefined filter criteria ~~[[in]]~~ into one or more of the filter cells ~~according to the selection of the user.~~

63 (Currently Amended) A method in accordance with claim 62, wherein the

~~predefinee~~ filter criteria is stored in a computer memory.

64 (Currently Amended) A method of managing data, the method comprising:

displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to ~~at least one~~ one or more data set sets, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

receiving filter criteria via user interaction with one or more of the filter cells;

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the predefined filter criteria of an associated filter cell;

providing a sorting priority list that defines an order for the sort procedures, wherein the sorting priority list is based at least in part upon a number of characters in the filter criteria that are received via the user interaction with one or more filter cells; and

sorting the data sets ~~associated with that~~ include the identified data cells based on the sort procedures, wherein the sorting is done in the order defined by the sorting priority list.

65. (Currently Amended) A method in accordance with claim 64, further comprising:
receiving the filter criteria in response to a selection of a set of filter criteria by the user;
and

automatically inserting the set of filter criteria ~~[[in]]~~ into one or more of the filter cells
~~according to the selection of the user.~~

66. (Currently Amended) A method in accordance with claim 65, wherein the set of filter criteria is stored in a computer memory.

67. (Currently Amended) A method of managing data, the method comprising:
displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, and wherein each of the data cells is associated with at least one of the filter cells, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

automatically inserting predefined filter criteria ~~[[in]]~~ into selected filter cells in response to a user selection, wherein the predefined filter criteria have been previously defined ~~in a~~ for selected filter cell ~~cells~~;

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the predefined filter criteria of an associated filter cell; and

sorting the data sets ~~associated with~~ that include the identified data cells.

68. (Currently Amended) A method in accordance with claim 67, wherein the content of each one of the data cells is selectable by a user to become the user-defined filter criteria for the row or column associated with the selected content.

69 (Currently Amended) A method in accordance with claim 67, wherein automatically inserting predefined filter criteria ~~[[in]]~~ into at least one of the filter cells in response to a user selection further comprises:

determining whether the user selection triggers automatic insertion of the predefined filter criteria in the filter cells.

70 (Currently Amended) A method in accordance with claim 67, wherein the predefined filter criteria ~~[[is]]~~ are stored in a computer memory.

71 (Currently Amended) A method of managing data, the method comprising:
displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and

wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

sorting the data sets based in part upon one or more of the sort procedures;

receiving filter criteria via user interaction with one or more of the filter cells within the window; and

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the filter criteria of an associated filter cell.

72 (Original) A method in accordance with claim 71, wherein the filter criteria for at least one of the filter cells is selected from a list of predetermined values.

73 (Original) A method in accordance with claim 72, wherein one or more of the predetermined values are selectable by a user selection, and wherein data cells that satisfy at least one of the predetermined values are identified in response to the user selection.

74 (Currently Amended) A method in accordance with claim 72, ~~wherein further comprising, in response to the user selection of filter criteria for at least one of the filter cells, assigning the selected filter criteria are assigned~~ wherein further comprising, in response to the user selection of filter criteria for at least one of the filter cells, assigning the selected filter criteria are assigned to one or more other filter cells.

75. (Currently Amended) A method in accordance with claim 74, wherein sorting and identifying occur in response to the user selection ~~of the filter criteria for at least one of the filter cells.~~

76. (Original) A method in accordance with claim 74, further comprising displaying a set of pre-stored filter criteria for filtering two or more of the rows or columns.

77. (Original) A method in accordance with claim 76, wherein the set of pre-stored filter criteria is selectable by a user selection, and wherein sorting and identifying occur in response to the user selection.

78. (Currently Amended) A system for managing data, the system comprising:
a first module configured to display, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, and wherein each of the data cells is associated with at least one of the filter cells, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

a second module configured to automatically insert predefined filter criteria [[in]] into selected filter cells in response to a user selection;

a third module configured to identify data cells in the table that have content that ~~corresponds with~~ satisfies the predefined filter criteria of an associated filter cell; and

a fourth module configured to sort the data sets ~~associated with~~ that include the identified data cells.

79. (Currently Amended) A system for managing data, the system comprising:
means for displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, and wherein each of the data cells is associated with at least one of the filter cells, and wherein the filter cells comprise interactive display

elements configured to receive input from a user for whom the window of the display is displayed;

means for automatically inserting predefined filter criteria [[in]] into selected filter cells in response to a user selection;

means for identifying data cells in the table that have content that ~~corresponds with~~ satisfies the predefined filter criteria of an associated filter cell; and

means for sorting the data sets ~~associated with~~ that include the identified data cells.

80 (Currently Amended) A computer readable medium storing a program which performs a method of managing data, the program comprising:

code for displaying, in a window of a display, one or more filter cells and a table including one or more rows and columns of data cells, wherein each data cell includes content that belongs to ~~at least one~~ or more data ~~set sets~~, and wherein each of the data cells is associated with at least one of the filter cells, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

code for automatically inserting predefined filter criteria [[in]] into selected filter cells in response to a user selection;

code for identifying data cells in the table that have content that ~~corresponds with~~ satisfies the predefined filter criteria of an associated filter cell; and

code for sorting the data sets ~~associated with~~ that include the identified data cells.

81. (Currently Amended) A method of managing data, the method comprising:

displaying, in a window of a display, a plurality of filter cells and a table including a plurality of rows and columns of data cells, wherein each data cell includes content that belongs to at least one or more data set sets, wherein each of the data cells is associated with at least one of the filter cells, wherein each of the columns or rows is associated with a sort procedure, and wherein the filter cells comprise interactive display elements configured to receive input from a user for whom the window of the display is displayed;

receiving filter criteria via user interaction with one or more of the filter cells; and

identifying data cells in the table that have content that ~~corresponds with~~ satisfies the filter criteria of an associated filter cell.

82. (Currently Amended) A method in accordance with claim 81, further comprising displaying the identified data cells, wherein the identified data cells are graphically displayed via including a highlight, a color or an other image marking, and wherein the highlight, the color, or the image marking is automatically applied to at least ~~parts~~ some of the identified data cells that satisfy the filter criteria.

83. (Currently Amended) A method in accordance with claim 81, further comprising saving entries the content in one or more of the filter cells into a list of pre-stored filter queries.

84. (Original) A method in accordance with claim 83, further comprising automatically filling one or more filter cells from the list of pre-stored filter queries.

85. (Currently Amended) A method in accordance with claim 81, wherein the content that belongs to a data set includes one or more links to related information outside the data set.

86. (Original) A method in accordance with claim 85, wherein the one or more links include at least one Internet address related to the data set.

87. (Cancelled)

88. (Previously Presented) A method in accordance with claim 46, wherein the identified data cells are positioned automatically within the data table, vertically and horizontally as necessary, so that the identified data cells are displayed in the window at a level and position most suitable for viewing by the user.

89. (Currently Amended) A method in accordance with claim 46, ~~wherein further comprising removing a row data sets set~~ can be manually removed from the a group of marked identified row data sets[,]] in response to user interaction.

90. (Currently Amended) A method in accordance with claim 46, ~~wherein further comprising identifying one or more currently unmarked unidentified row data sets~~ can be identified and marked manually and marking and added adding the identified one or more row data sets to the a group of already identified data sets in response to user interaction.